



Chapter Assessment

Chapter 2, Form A, page 1

Write the letter that best answers the question or completes the statement.

- _____ 1. Find the opposite of $-(3 + 3.5)$.
a. -6.5 b. 6.5 c. 0.5 d. -0.5
- _____ 2. Add: $-25 + 26 + |-18|$.
a. 32 b. -16 c. 19 d. 68
- _____ 3. Juan has \$63 in his savings account. He withdrew \$16 one week and deposited \$28 the next week. What is the balance in his account?
a. \$75 b. \$107 c. \$19 d. \$51
- _____ 4. Complete: $-2 - (-7) = -2 + ?$.
a. -7 b. -9 c. 7 d. 9
- _____ 5. Subtract: $-3 - (-47)$.
a. -50 b. 44 c. 50 d. -44
- _____ 6. Evaluate $(-64)(-110)$.
a. -7040 b. 46 c. 174 d. 7040
- _____ 7. On Sunday, the temperature was 82°F in Phoenix and -7°F in Minneapolis. How much warmer was it in Phoenix that day?
a. 75°F b. -7°F c. 82°F d. 89°F
- _____ 8. Evaluate $7b + 9$ for $b = \frac{1}{2}$.
a. 23 b. $3\frac{1}{2}$ c. $12\frac{1}{2}$ d. $16\frac{1}{2}$
- _____ 9. Which expression is equivalent to $(4)(6 - 2x)$?
a. $24 - 2x$ b. $24 - 8x$ c. $3(8 - 2x)$ d. $6(4 - 2x)$
- _____ 10. Sam charges \$0.89 per pound for grapes. Which expression shows the cost for p pounds of grapes?
a. $0.89 \div p$ b. $0.89 + p$ c. $0.89p$ d. $0.89(9p - 1)$



Chapter Assessment

Chapter 2, Form A, page 2

- _____ 11. Add: $(2b - 4) + (8b - 6)$.
- a. $10b + 2$ b. $6b - 2$ c. $10b - 10$ d. $-6b + 10$
- _____ 12. Add: $(5e + 9f) + (2e - 4f)$.
- a. $7e + 13$ b. $7e - 5f$ c. $3e + 5f$ d. $7e + 5f$
- _____ 13. Let $a = -2$ and $b = 4$. Find $a + b$.
- a. -6 b. -2 c. 4 d. 2
- _____ 14. Subtract: $(6b + 1) - (2b + 4)$.
- a. $3b - 3$ b. $4b + 5$ c. $8b + 5$ d. $4b - 3$
- _____ 15. A recipe for clam chowder says to add water to the clam broth to get $2\frac{1}{3}$ cups of liquid. If there is $\frac{1}{2}$ cup of clam broth, how much water should be added?
- a. $\frac{1}{3}$ cup b. $1\frac{5}{6}$ cup c. $\frac{5}{6}$ cup d. $\frac{1}{2}$ cup
- _____ 16. Identify the property illustrated by $4(3 + 2) = (4 \cdot 3) + (4 \cdot 2)$.
- a. Associative b. Commutative c. Distributive d. Transitive
- _____ 17. Identify the property illustrated by $\frac{3}{4} + \frac{2}{3} = \frac{2}{3} + \frac{3}{4}$.
- a. Associative b. Commutative c. Distributive d. Transitive
- _____ 18. Identify the property illustrated by $4 + (3 + 7) = (4 + 3) + 7$.
- a. Associative b. Commutative c. Distributive d. Transitive